

Project Audit



Project:
Nigma

May 30, 2022



+

Nigma

▶

Overview

This audit has been prepared for **Nigma** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	EnigmaToken
Ticker	ENGM
Contract	0xb05282C91e6eC280Ed660A9744670eFF12f97460
Network	Binance smart chain
Language	Solidity
Tax	None
Total Supply	1,000,000,000
Status	Not launched

Current stats

Burn	No burnt tokens
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	No limit

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0x749B273675dc7D0dF0597B0AEFaB00d866AeB62e
LP address	Liquidity not added yet

Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
-----------------	---------------

Tokens are not distributed yet

Security Threats

Owner can change buy/sell/transfer fees up to 25% (combined buy+sell=50%).

```
function setTaxes(uint8 _sellTax, uint8 _buyTax, uint8 _transferTax) external onlyOwner {
    require(_sellTax < 25);
    require(_buyTax < 25);
    require(_transferTax < 25);

    sellTax = _sellTax;
    buyTax = _buyTax;
    transferTax = _transferTax;

    emit changeTax(_sellTax, _buyTax, _transferTax);
}
```

Owner can set cooldown between sells up to 255 seconds.

```
function setCooldownForTrades(uint8 _tradeCooldown) external onlyOwner {
    tradeCooldown = _tradeCooldown;
    emit changeCooldown(_tradeCooldown);
}
```

⚠ Owner can blacklist address, making it impossible to sell.

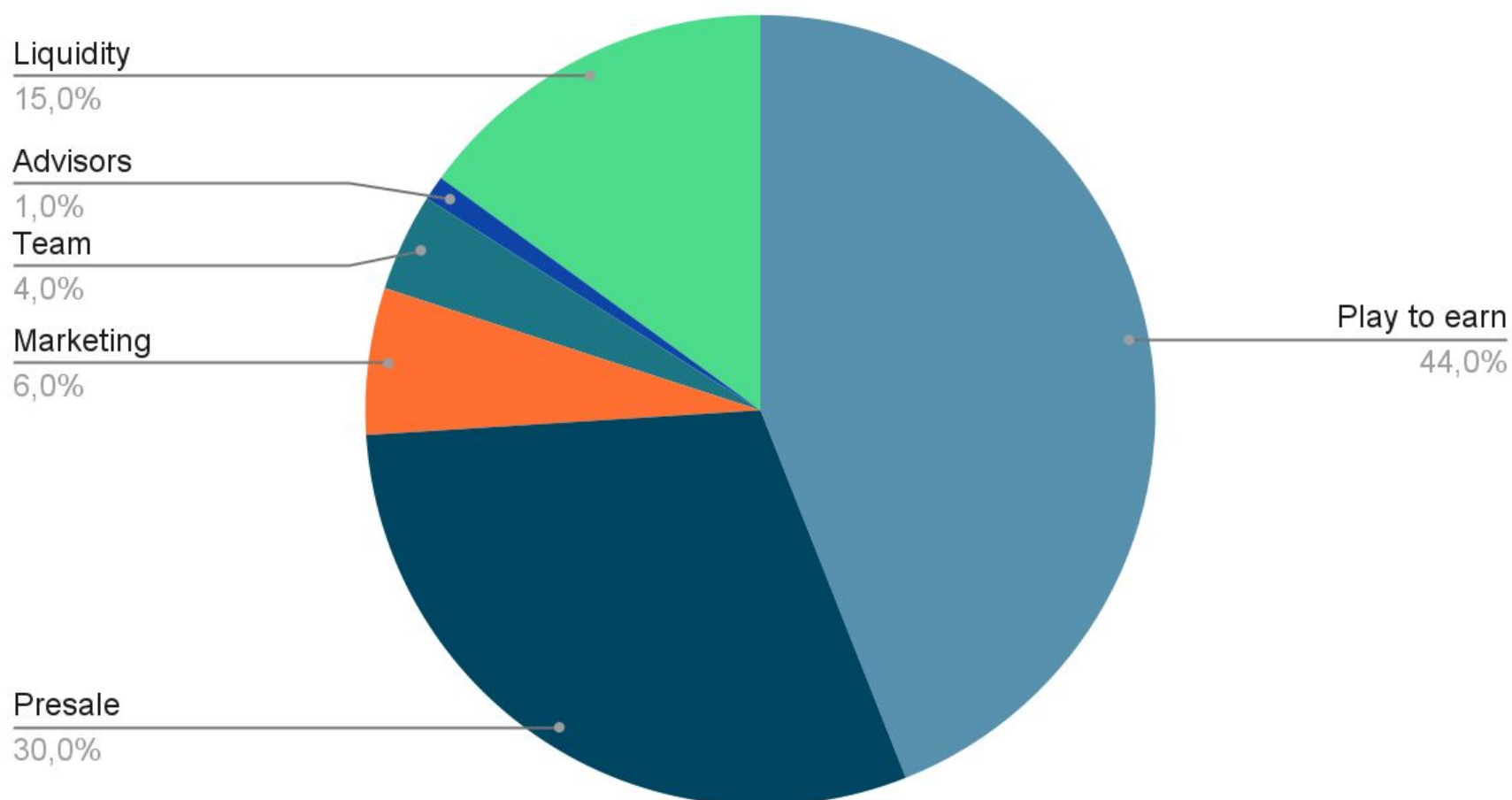
```
function setBlacklist(address _wallet, bool _status) external onlyOwner {
    isBlacklist[_wallet] = _status;
    emit changeBlacklist(_wallet, _status);
}
```

Tokenomics

According to their website:

- 44% - Play to earn (P2E)
- 30% - Presale
- 15% - Liquidity
- 4% - Team
- 6% - Marketing
- 1% - Advisors

Tokens distribution



Nigma Project Review

According to their whitepaper:

Nigma will be play to earn multiplayer 3D shooter.. Native token for the ecosystem will be \$GIM. There will be free-to-play and play to earn modes and only NFT Characters owners can earn \$GIM. \$GIM token have the following utilities - equipment purchases/sales, buying nft characters, buying modifications for extended lifespan, etc. Additionally, the \$ENGIM holders will eventually be able to participate in key governance votes, have exclusive access to NFT drops and be the first to try the new features.

Future development of the project will be as follows:

- Staking
- In-game marketplace
- NFT equipment trading
- Equipment Crafting system
- Multiplayer Game Launch, enhanced gameplay

Team

KYC by SpyWolf

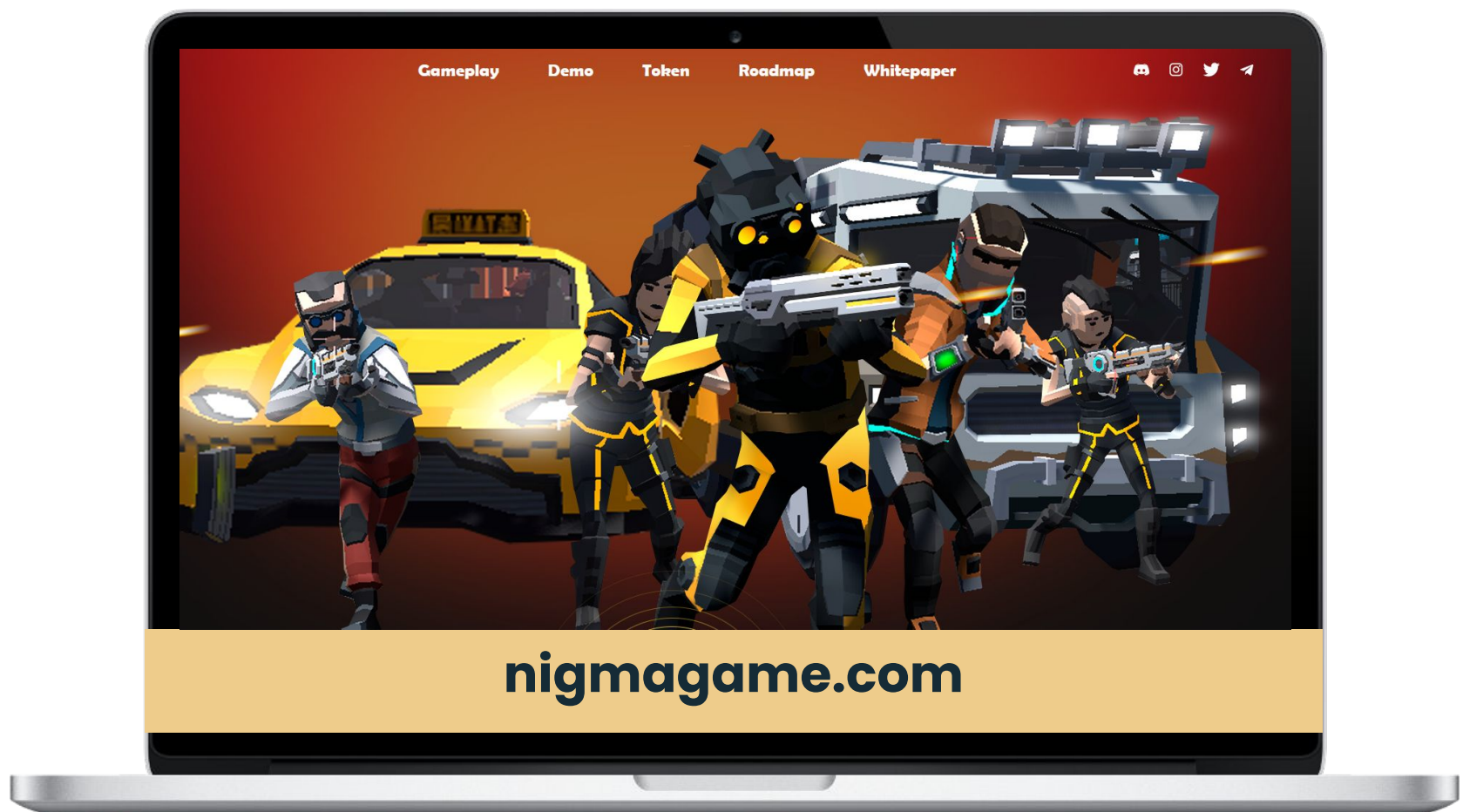
https://spywolf.network/assets/kyc/2022/may/KYC_Nigma_0xb05282c91e6ec280ed660a9744670eff12f97460.png



Website Analysis

URL: <https://nigmagame.com/>

- **Design:** Single page design, appropriate color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written, explanatory.
- **Roadmap:** Goals set at 4 phases with time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

<https://t.me/nigmagame>

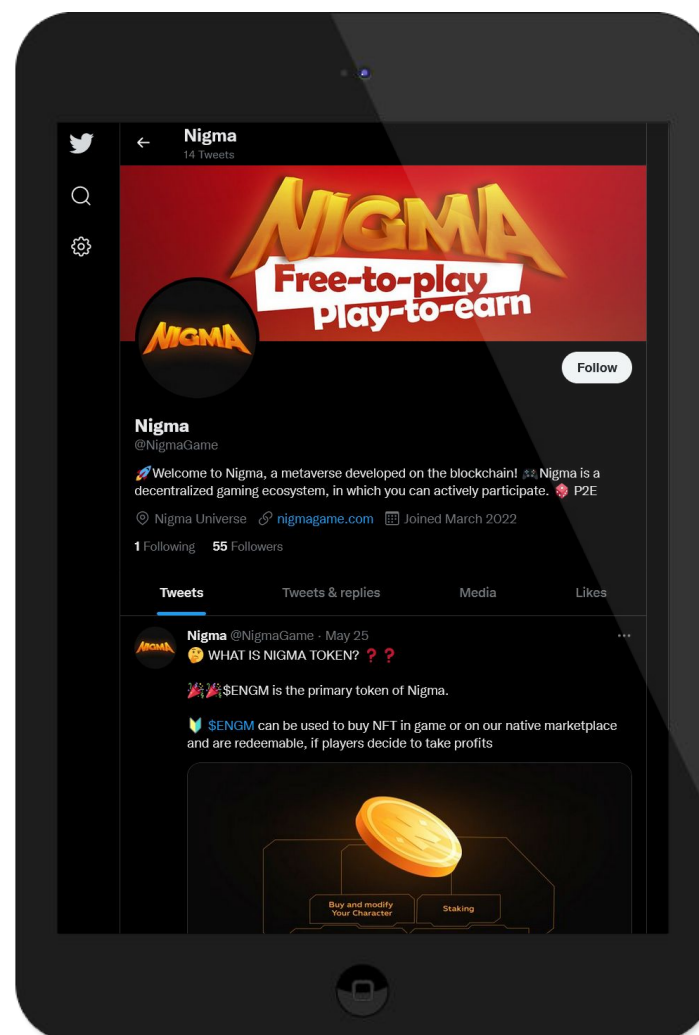
- 23 148 members
- Announcements channel
- No chat ⚠️



Twitter

<https://twitter.com/nigmagame>

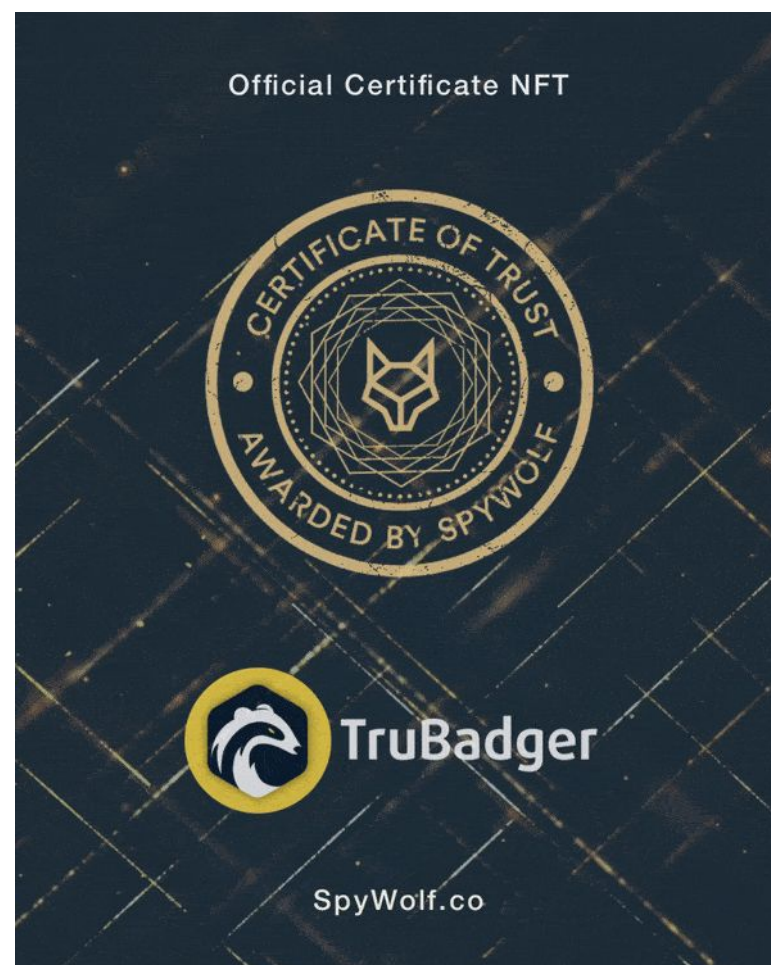
- 65 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.